

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (amended) A portable information terminal comprising:

a display section for displaying an image corresponding to a received image signal;

a light source for supplying light to the display section; and

a driving section for controlling an operation of said display section;

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wherein the portable information terminal has a color display mode and a monochromatic display mode as a display mode of the image displayed in said display section, and switching means enables selection of one of the color display mode and the monochromatic display mode as the display mode of the image displayed in said display section.

Please cancel claim 3 without prejudice or disclaimer of the subject matter thereof.

Please amend claims 4-8 as follows:

4. (amended) A display device comprising:

a display section for displaying an image corresponding to a received image signal; and

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a light source for supplying light to the display section;

said device further comprising:

a display mode judging section for judging one of a color display mode and a monochromatic display mode as a display mode of the image displayed in said display section;

a signal generating section for generating a control signal and an image signal corresponding to the display mode of said display section in accordance with instructions of the display mode judging section;

a signal processing switching section for switching a signal processing path in accordance with the control signal from the signal generating section;

a signal processing section for processing the image signal in accordance with the switching of the signal processing path of said signal switching section; and

a light source control section for controlling an operation of said light source in accordance with instructions from said signal switching section.

5. (amended) A display device comprising:

a display section for displaying an image corresponding to a received image signal; and

a light source for supplying light to the display section;

said device further comprising:

a display mode judging section for judging one of a color display mode and a monochromatic display mode as a display mode of the image displayed in said display section;

signal generating section for generating an image signal corresponding to the display mode of said display section by instructions of said display mode judging section;

a signal processing switching section for switching a signal processing path by instructions from said display mode judging section;

a signal processing section for processing the image signal in accordance with the switching of the signal processing path of said signal switching section; and

a light source control section for controlling an operation of said light source in accordance with instructions from said signal switching section.

6. (amended) A display device according to claim 4, wherein the device further comprises a frequency control section for switching the control of an operating frequency of said signal processing section in accordance with said control signal from said signal generating section.

7. (amended) A display device according to claim 4, wherein said signal processing section has an n-bit memory, a digital-analog converter connected to the n-bit memory, a 1-bit memory, and a level shifter connected to the 1-bit memory; and the display mode displayed by said display section has a multi-gradation display mode and a two-gradation display mode;

in the case of the multi-gradation display mode, said signal processing switching section selects said n-bit memory in said signal processing section, and said signal processing section processes the image signal generated by said signal generating section, by said n-bit memory and said digital-analog converter connected to the n-bit memory (n is a natural number equal to or greater than 2); and

in the case of the two-gradation display mode, said signal processing switching section processes the image signal generated by said signal processing section by said 1-bit memory and said level shifter.

8. (amended) A display device according to claim 4, wherein said device has an n-bit memory (n is an integer equal to or greater than 2) connected to said signal processing switching section; and

the display mode displayed by said display section has a multi-gradation display mode and a two-gradation display mode;

when said display mode judging section judges the multi-gradation display mode, said signal processing switching section selects said digital-analog converter,

and processes the image signal held in said n-bit memory connected to said signal processing section by said digital-analog converter; and

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when said display mode judging section judges the two-gradation display mode, said signal processing switching section selects said level shifter, and processes the image signal held in said n-bit memory connected to said signal processing section by said level shifter.

Please cancel claims 9-13 without prejudice or disclaimer of the subject matter thereof.

Please amend claims 14 and 15 as follows:

14. (amended) A display device according to claim 4, wherein the device further comprises a frequency control section for controlling a clock frequency in accordance with instructions of said signal processing switching section.

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15. (amended) A display device according to claim 4, wherein switching timing of the display mode switched by said display mode judging section is set by the operation of a user.

Please cancel claims 16-32 without prejudice or disclaimer of the subject matter thereof.

Please amend claims 33 and 34 as follows:

33. (amended) A portable terminal comprising:
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a liquid crystal cell for displaying an image;
a light source for making light incident to said liquid crystal cell;

a mode switching section for switching to one of a color display mode and a monochromatic display mode as a display mode of the image displayed in said liquid crystal cell;

a light source control section controlled by said mode switching section, and controlling an operation of said light source; and

an image generating section for generating an image signal corresponding to said display mode.

34. (amended) A display element for enabling a color display mode and a monochromatic display mode, comprising:

a liquid crystal cell having a pair of transparent substrates, a liquid crystal layer nipped between the pair of transparent substrates, and an electrode group arranged in said pair of transparent substrates;

a light polarizing maintaining diffusion reflection plate arranged on one face side of said liquid crystal cell;

a light guide body arranged between said liquid crystal cell and said light polarizing maintaining diffusion reflection plate such that a light source is arranged on a side face of the light guide body; and

a light polarizing maintaining type scattering layer arranged between said light guide body and said liquid crystal cell.

Please cancel claims 35-41 without prejudice or disclaimer of the subject matter thereof, and add the following new claims:

--42. A display device comprising:

colored light emitting means for emitting colored light;

reflection means for reflecting external light to perform a light emitting display;

light polarizing state modulating means for modulating a polarizing state of the colored light to perform a reflection display; and

switching means for selecting one of the colored light emitting means and the reflection means on the basis of a received image signal.

43. A display device according to claim 42, wherein the light emitting display is performed in a multi-gradation color mode and the reflection display is performed in a two-gradation mode.

44. A display device according to claim 42, including a liquid crystal cell for enabling display.

45. A display device according to claim 42, wherein the reflection means comprises a light polarizing maintaining a scattering layer.

46. A display device according to claim 42, wherein the colored light emitting means comprises an organic LED layer, the rejection means comprises an anode of the organic LED, and the light polarizing state modulating means comprises a polarizing plate, a phase difference plate and a liquid crystal layer.

47. A display device according to claim 46, further comprising a common electrode which functions as both an electrode operating the organic LED and an electrode operating the liquid crystal layer, the electrodes having the same electric potential.